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OM protein - protein search, using sw model

Run on: July 31, 2006, 18:46:49 ; Search time 50 Seconds
(without alignments)
460.411 Million cell updates/sec

Title: US-10-047-264A-4
Perfect score: 1432
Sequence: 1 NMPKHCFLGLISFLTGVA.....YQPMIDRRSQRSERCVIEP 263

Scoring table: BLOSUM62

Searched: Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

- Database : Issued Patents AA:*
- 1: /EMC_Celerra_SIDS3/ptodata/2/iaa/5_COMB.pap:*
 - 2: /EMC_Celerra_SIDS3/ptodata/2/iaa/6_COMB.pap:*
 - 3: /EMC_Celerra_SIDS3/ptodata/2/iaa/7_COMB.pap:*
 - 4: /EMC_Celerra_SIDS3/ptodata/2/iaa/H_COMB.pap:*
 - 5: /EMC_Celerra_SIDS3/ptodata/2/iaa/PCITUS_COMB.pap:*
 - 6: /EMC_Celerra_SIDS3/ptodata/2/iaa/RE_COMB.pap:*
 - 7: /EMC_Celerra_SIDS3/ptodata/2/iaa/backfiles.pap:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1427	99.7	262	2	US-09-964-994B-2
2	1218	85.1	231	2	US-10-090-365-2
3	1218	85.1	231	2	US-09-728-911-2
4	1104	77.1	210	2	US-10-090-365-13
5	1104	77.1	210	2	US-09-728-911-13
6	800.5	55.9	230	2	US-10-090-365-48
7	792.5	55.3	230	2	US-10-090-365-38
8	311	21.7	221	1	US-08-943-087-52
9	310	21.6	207	2	US-09-746-359A-65
10	310	21.6	214	2	US-09-746-359A-63
11	310	21.6	217	2	US-09-746-359A-55
12	310	21.6	221	1	US-08-943-087-50
13	310	21.6	221	1	US-08-943-087-56
14	310	21.6	221	2	US-08-943-087-16
15	310	21.6	248	2	US-10-233-873A-3
16	310	21.6	547	2	US-09-746-359A-54
17	310	21.6	553	1	US-08-943-087-14
18	310	21.6	553	1	US-08-943-087-16
19	310	21.6	553	1	US-08-943-087-18
20	310	21.6	553	1	US-08-943-087-20
21	310	21.6	553	1	US-08-943-087-22
22	310	21.6	553	1	US-08-943-087-24
23	310	21.6	553	1	US-08-943-087-26
24	310	21.6	553	1	US-08-943-087-28
25	310	21.6	553	1	US-08-943-087-30
26	310	21.6	553	1	US-08-943-087-30

ALIGNMENTS

RESULT 1
US-09-964-994B-2
; Sequence 2, Application US/09964994B
; Patent No. 6740520
; GENERAL INFORMATION:
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Watanabe,Collin K.
; APPLICANT: Wood,William I.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO
; TITLE OF INVENTION: CYTOKINE RECEPTORS AND NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P3121R1
; CURRENT APPLICATION NUMBER: US/09/964,994B
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/191,015
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 09/941,992
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 2
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-964-994B-2
Query Match 99.7%; Score 1427; DB 2; Length 262;
Best Local Similarity 100.0%; Pred. No. 9.8e-156; Mismatches 0; Gaps 0;
Matches 262; Conservative 0; Indels 0; Gaps 0;
Qy 2 MPKHCFLGLISFLTGAGTQSTHESLKQPVQFQSRNFHNLQWPGRALTGNSVYF 61
Db 1 MPKHCFLGLISFLTGAGTQSTHESLKQPVQFQSRNFHNLQWPGRALTGNSVYF 60
Qy 62 VOYKMFSCSMKSHQKPSGQWHSICNFGCRLAKYQORWKNKEDCWGTQELSCDLT 121
Db 61 VOYKMFSCSMKSHQKPSGQWHSICNFGCRLAKYQORWKNKEDCWGTQELSCDLT 120
Qy 122 SETSDIQEPIYGRVRAASAGSYSEWSMTPTFTPWETKIDPPVNNITQVNGSLVILHAP 181
Db 121 SETSDIQEPIYGRVRAASAGSYSEWSMTPTFTPWETKIDPPVNNITQVNGSLVILHAP 180
Qy 182 NLPYRQKKNVSTEDYELLRYVFIINNSLEKEQKVEGAHRAVEIATPHSSYCVVA 241
Db 181 NLPYRQKKNVSTEDYELLRYVFIINNSLEKEQKVEGAHRAVEIATPHSSYCVVA 240

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QY 242 EIYQPMIDRRSQRSEERCVEIP 263
Db 241 EIYQPMIDRRSQRSEERCVEIP 262

RESULT 2
US-10-090-365-2
; Sequence 2, Application US/10090365
; Patent No. 6875845
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Mouse Cytokine Receptor
; FILE REFERENCE: 01-08
; CURRENT APPLICATION NUMBER: US/10/090,365
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/273,035
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: US 60/279,232
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-090-365-2

Query Match 85.1%; Score 1218; DB 2; Length 231;
Best Local Similarity 87.8%; Pred. No. 9.8e-132;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

QY 1 MMPKHCFLGLISFLTGAGTQSTHESLKPORVQFSRNFHNILOWOPGRALTGNSVY 60
Db 1 MMPKHCFLGLISFLTGAGTQSTHESLKPORVQFSRNFHNILOWOPGRALTGNSVY 60
QY 61 FVQYKIMFSCSMKSHQKPSGCWQHISCNFPFCRTLAKYQGRQWKNKEDCWGTQELSCDL 120
Db 61 FVQYKI-----YGRQWKNKEDCWGTQELSCDL 88
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 180
Db 89 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 148
QY 181 PNLPRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVEGAHRAVEIEALTPHSSYCVV 240
Db 149 PNLPRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVEGAHRAVEIEALTPHSSYCVV 208
QY 241 AEIYQPMIDRRSQRSEERCVEIP 263
Db 209 AEIYQPMIDRRSQRSEERCVEIP 231

RESULT 3
US-09-728-911-2
; Sequence 2, Application US/09728911
; Patent No. 6897292
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 99-93
; CURRENT APPLICATION NUMBER: US/09/728,911
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/169,049
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US 60/232,219
; PRIOR FILING DATE: 2000-09-13
```

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; PRIOR APPLICATION NUMBER: US 60/244,610
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-728-911-2

Query Match 85.1%; Score 1218; DB 2; Length 231;
Best Local Similarity 87.8%; Pred. No. 9.8e-132;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

QY 1 MMPKHCFLGLISFLTGAGTQSTHESLKPORVQFSRNFHNILOWOPGRALTGNSVY 60
Db 1 MMPKHCFLGLISFLTGAGTQSTHESLKPORVQFSRNFHNILOWOPGRALTGNSVY 60
QY 61 FVQYKIMFSCSMKSHQKPSGCWQHISCNFPFCRTLAKYQGRQWKNKEDCWGTQELSCDL 120
Db 61 FVQYKI-----YGRQWKNKEDCWGTQELSCDL 88
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 180
Db 89 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 148
QY 181 PNLPRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVEGAHRAVEIEALTPHSSYCVV 240
Db 149 PNLPRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVEGAHRAVEIEALTPHSSYCVV 208
QY 241 AEIYQPMIDRRSQRSEERCVEIP 263
Db 209 AEIYQPMIDRRSQRSEERCVEIP 231

RESULT 4
US-10-090-365-13
; Sequence 13, Application US/10090365
; Patent No. 6875845
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Mouse Cytokine Receptor
; FILE REFERENCE: 01-08
; CURRENT APPLICATION NUMBER: US/10/090,365
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/273,035
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: US 60/279,232
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-090-365-13

Query Match 77.1%; Score 1104; DB 2; Length 210;
Best Local Similarity 86.8%; Pred. No. 1.2e-118;
Matches 210; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

QY 22 TQSTHESLKPORVQFSRNFHNILOWOPGRALTGNSVYFVQYKIMFSCSMKSHQKPSG 81
Db 1 TQSTHESLKPORVQFSRNFHNILOWOPGRALTGNSVYFVQYKI-----45
QY 82 CWOHISCNFPFCRTLAKYQGRQWKNKEDCWGTQELSCDLTSETSDIQEPYGRVRAASAG 141
Db 46 -----YGRQWKNKEDCWGTQELSCDLTSETSDIQEPYGRVRAASAG 88
QY 142 SYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHAPNLPRYQKEKNVSIEDYEL 201
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Db 89 SYSEWSMTPTPTWETKIDPPVNNITQVNGSLVILHAPNLPYRQKKNVSIEDYEL 148
QY 202 LYRVFIINNSLEKEQKVEGAHRAVEIEALTTHSSYCVVAEIQPMLDRRSORSEERCVE 261
Db 149 LYRVFIINNSLEKEQKVEGAHRAVEIEALTTHSSYCVVAEIQPMLDRRSORSEERCVE 208
QY 262 IP 263
Db 209 IP 210

RESULT 5

US-09-728-911-13
; Sequence 13, Application US/09728911
; Patent No. 6897292
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 99-93
; CURRENT APPLICATION NUMBER: US/09728,911
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/169,049
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US 60/232,219
; PRIOR FILING DATE: 2000-09-13
; PRIOR APPLICATION NUMBER: US 60/244,610
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-728-911-13

Query Match 77.1%; Score 1104; DB 2; Length 210;
Best Local Similarity 86.8%; Pred. No. 1.2e-118;
Matches 210; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

QY 22 TQSTHSLKQPVQFQSRNFHNLQWPGRAITGNSVYFVQYKIMFSCMSKSHQKPEG 81
Db 1 TQSTHSLKQPVQFQSRNFHNLQWPGRAITGNSVYFVQYKIMFSCMSKSHQKPEG 45
QY 82 CQWHSICNPGCETLAKYQORQWKNKEDCWGTQELSCDLTSETSDIQEPPYGRVRAASAG 141
Db 46 -----YQORQWKNKEDCWGTQELSCDLTSETSDIQEPPYGRVRAASAG 88
QY 142 SYSEWSMTPTPTWETKIDPPVNNITQVNGSLVILHAPNLPYRQKKNVSIEDYEL 201
Db 89 SYSEWSMTPTPTWETKIDPPVNNITQVNGSLVILHAPNLPYRQKKNVSIEDYEL 148
QY 202 LYRVFIINNSLEKEQKVEGAHRAVEIEALTTHSSYCVVAEIQPMLDRRSORSEERCVE 261
Db 149 LYRVFIINNSLEKEQKVEGAHRAVEIEALTTHSSYCVVAEIQPMLDRRSORSEERCVE 208
QY 262 IP 263
Db 209 IP 210

RESULT 6

US-10-090-365-48
; Sequence 48, Application US/10090365
; Patent No. 6875845
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi

; TITLE OF INVENTION: Mouse Cytokine Receptor
; FILE REFERENCE: 01-08
; CURRENT APPLICATION NUMBER: US/10/090,365
; PRIOR FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/273,035
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: US 60/279,232
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 230
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-090-365-48

Query Match 55.3%; Score 800.5; DB 2; Length 230;
Best Local Similarity 58.6%; Pred. No. 1.3e-83;
Matches 154; Conservative 20; Mismatches 56; Indels 33; Gaps 2;
QY 1 MNPKHCFGLGLISFFLTGVAGTQSTHESLKQPVQFQSRNFHNLQWPGRAITGNSVY 60
Db 1 MNPKHCFGLGLISFFLTGVAGTQSTHESLKQPVQFQSRNFHNLQWPGRAITGNSVY 59
QY 61 FVOYKIMFSCMSKSHQKPEGCQWHSICNPGCETLAKYQORQWKNKEDCWGTQELSCDL 120
Db 60 FVOYKIMFSCMSKSHQKPEGCQWHSICNPGCETLAKYQORQWKNKEDCWGTQELSCDL 87
QY 121 TSQTSIQEPPYGRVRAASAGSYSEWSMTPTPTWETKIDPPVNNITQVNGSLVILHA 180
Db 88 TNETLDPYELYGRVMTACAGRHSAWTRTPRETPTWETKIDPPVNNITQVNGSLVILHA 147
QY 181 PNLVRYQKKNVSIEDYELLYRVFIINNSLEKEQKVEGAHRAVEIEALTTHSSYCVV 240
Db 148 PELPNRQSGKNASMETIYGLVIRVPTINNSLEKEQKVEGAHRAVEIEALTTHSSYCVV 207
QY 241 ABIYQPMFLDRRSORSEERCVEIP 263
Db 208 AEMYPMFDRSPRSKERCCHIP 230

RESULT 7

US-10-090-365-38
; Sequence 38, Application US/10090365
; Patent No. 6875845
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Mouse Cytokine Receptor
; FILE REFERENCE: 01-08
; CURRENT APPLICATION NUMBER: US/10/090,365
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/273,035
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: US 60/279,232
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 230
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-090-365-38

Query Match 55.3%; Score 792.5; DB 2; Length 230;
Best Local Similarity 58.2%; Pred. No. 1.1e-82;
Matches 153; Conservative 21; Mismatches 56; Indels 33; Gaps 2;
QY 1 MNPKHCFGLGLISFFLTGVAGTQSTHESLKQPVQFQSRNFHNLQWPGRAITGNSVY 60
Db 1 MNPKHCFGLGLISFFLTGVAGTQSTHESLKQPVQFQSRNFHNLQWPGRAITGNSVY 59

Qy	61	FVQYKIMFSCMKSSHOKPSCWOHISCNFPGCR	TLAKYQORQWKQKBCDQWGTQELS	CDL	120
Db	60	FVQYKM-----	YGQSWEDKDYCWGTTALF	CDL	87
Qy	121	TSETSDIQEPYGRVRAASAGSYSEWSMT	PRFTPMWETKIDPPVMNITVNGSL	LAVILHA	180
Db	88	TNETLDYELYIGRVMTACAGHSAWTP	PRFTPMWETKIDPPVVTITRVNASL	RVLLRP	147
Qy	181	PNLPYRQKKNVSIEDYELLYRVFI	INNSLEKEQKYEGAHRAVEATEAL	PHSSYCVW	240
Db	148	PELPNRRNQSGKVASMEYTYGLV	RVFTINNSLEKEQKAYEGTORAVE	IEGLPHSSYCVW	207
Qy	241	ABIYQPMLDRRSQRSEERCVEIP			263
Db	208	AEYQPMFDRRSRPSKERCVOIP			230

RESULT 8
US-08-943-087-52
; Sequence 52, Application US/08943087

AGENCY NO. 25493211
GENERAL INFORMATION:
APPLICANT: Lok, Si
APPLICANT: Kho, Choon J.
APPLICANT: Jelmberg, Anna C.
APPLICANT: Adams, Robyn L.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Fairrah, Theresa M.
TITLE OF INVENTION: CYTOKINE RECEPTOR
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: ZymoGenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA

```

COMPUTER READABLE FORM:
MEDIUM TYPE: diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,087

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; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803,305

```

ATTORNEY/AGENT INFORMATION:
NAME: Lunn, Paul G
REGISTRATION NUMBER: 32,743
REFERENCE/DOCKET NUMBER: 96-24C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6627
TELEFAX: 206-442-6678
TELEX:

Query Match 21.7%; Score 311; DB 1; Length 221;
Best Local Similarity 32.0%; Pred. NO.3.1e-27;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

10 KPGNITFLSNKNVQLQWTPPEGQGVKVTYVQYFI
 90 FPGCRTLAKYGRQWKNEKDCWGTQELSCDLTSETSDIQEYFYGRVRAASAGSYSEWSMT 149
 47 -----YGKKWLNKSECRNINRTYCDLSAETSDVEHQYAKVKAIGWTKCSKWAES 97
 150 PRETPWEHTKIDPPVMNITQVNSGLAVILHAPNLPIRYQKEKNYSIEDYV-ELLYRVVFII 208
 98 GRFYPLETQIGPEVGLTTDEKISVVLTAPEKWKGNPEDLPSVMQQIYNSNLKKNVSVLI 157
 209 NNSLEKEQKYVEGAHRAVEITALETPHSSYCVVAEIIQPMPLDRRSGRSERC 259
 158 NTKASNTWSCVNTNHTIV-LTWLEPNLTLYCVHVESFVPGPPRRQAPSPSKQC 207

RESULT 9
US-09-746-359A-65
; Sequence 65, Application US/09746359A
; Patent No. 6610286
; GENERAL INFORMATION:
; APPLICANT: Thompson, Penny
; APPLICANT: Foster, Donald C.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Madden, Karen L.
; APPLICANT: Kelly, James D.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Blumberg, Hal
; APPLICANT: Eagan, Maribeth A.
; APPLICANT: Jaspers, Stephen R.
; APPLICANT: Chandrasekher, Yashin A.
; APPLICANT: No. '6610286ak, Julia E.
; TITLE OF INVENTION: Method for Treating Inflammation

Query Match 21.6%; Score 310; DB 2; Length 207;
Best Local Similarity 32.0%; Pred. No. 3.7e-27;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

150	QY	PRETPWETKIDPPVMNITQVNGSLAVILHAPNLPHYQKEKNVSIEDY-ELLRYRVFI	208
91	Db	GREYFLETOIGPPEVALTTDEKSIISVLTAPEKQKNPELDLPSVMOQIYISNLKYNVSVL	150
209	QY	NNLSLEKQKVYEGAHRAVEATLTPHSSYCVVAIYQFMLDRRSSERC	259
151	Db	NTKSNRTWSOCVNTHTLV-LTWLENTLYCVHVESFVGGPPERRAOPSSKOC	200

RESULT 10
US-09-746-359A-63
; Sequence 63, Application US/09746359A
; Patent No. 6610286

```

; GENERAL INFORMATION:
; APPLICANT: Thompson, Penny
; APPLICANT: Foster, Donald C.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Madden, Karen L.
; APPLICANT: Kelly, James D.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Blumberg, Hal
; APPLICANT: Eagan, Maribeth A.
; APPLICANT: Jaspers, Stephen R.
; APPLICANT: Chandrasekhar, Yasmin A.
; APPLICANT: No. 6610286ak, Julia E.
; TITLE OF INVENTION: Method for Treating Inflammation
; FILE REFERENCE: 99-108
; CURRENT APPLICATION NUMBER: US/09/746,359A
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/171,969
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: 60/213,341
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 63
; LENGTH: 214
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-746-359A-63

Query Match      21.6%; Score 310; DB 2; Length 214;
Best Local Similarity 32.0%; Pred. No. 3.9e-27;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

QY 30 KPORVQFSRNFHILQWQGRALTGNSSVYFVQYKIMFSCMKSHQKPSGCWQHISCN 89
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 10 KPANITFLSINMKVNLQWTPPEGLOGVKVYTYVQYFI----- 46

QY 90 FPCRTLAKYGQWQKQKDCWGTQELSDLTSETSDIQBPYGRVRAASAGSYSEWSMT 149
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 47 -----YGKKWLKSECRNINRTYCDLSAETSDYEHQYAKVKAIWGTCKSKWAES 97

QY 150 PRFTPWETKIDPPVNNITQVNGSLVILHAPNLPYRYQKEKNVSIEDYY-ELLYRVFII 208
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 98 GRFYPLETQIGPPEVALTTDEKISVLTAPKWKRNPEDLVPSMQQIYNLKNVSVL 157

QY 209 NNSLEKEQKYEGAHRAVEIEALTPHSSYCVVAEIIYQPMLEDRRSQRSEERC 259
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 158 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 207

RESULT 11
US-09-746-359A-55
; Sequence 55, Application US/09746359A
; Patent No. 6610286
; GENERAL INFORMATION:
; APPLICANT: Thompson, Penny
; APPLICANT: Foster, Donald C.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Madden, Karen L.
; APPLICANT: Kelly, James D.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Blumberg, Hal
; APPLICANT: Eagan, Maribeth A.
; APPLICANT: Jaspers, Stephen R.
; APPLICANT: Chandrasekhar, Yasmin A.
; APPLICANT: No. 6610286ak, Julia E.
; TITLE OF INVENTION: Method for Treating Inflammation
; FILE REFERENCE: 99-108
; CURRENT APPLICATION NUMBER: US/09/746,359A
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/171,969
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: 60/213,341
; PRIOR FILING DATE: 2000-06-22

Query Match      21.6%; Score 310; DB 2; Length 214;
Best Local Similarity 32.0%; Pred. No. 3.9e-27;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

QY 30 KPORVQFSRNFHILQWQGRALTGNSSVYFVQYKIMFSCMKSHQKPSGCWQHISCN 89
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 10 KPANITFLSINMKVNLQWTPPEGLOGVKVYTYVQYFI----- 46

QY 90 FPCRTLAKYGQWQKQKDCWGTQELSDLTSETSDIQBPYGRVRAASAGSYSEWSMT 149
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 47 -----YGKKWLKSECRNINRTYCDLSAETSDYEHQYAKVKAIWGTCKSKWAES 97

QY 150 PRFTPWETKIDPPVNNITQVNGSLVILHAPNLPYRYQKEKNVSIEDYY-ELLYRVFII 208
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 98 GRFYPLETQIGPPEVALTTDEKISVLTAPKWKRNPEDLVPSMQQIYNLKNVSVL 157

QY 209 NNSLEKEQKYEGAHRAVEIEALTPHSSYCVVAEIIYQPMLEDRRSQRSEERC 259
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 158 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 207

RESULT 12
US-08-943-087-50
; Sequence 50, Application US/08943087
; Patent No. 5945511
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmsberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,087
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803,305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lunn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 221 amino acids
; TYPE: amino acid
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QY 209 NNSLEKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSERC 259
Db 158 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 207

RESULT 15

US-10-233-873A-3
; Sequence 3, Application US/10233873A
; Patent No. 6902930
; GENERAL INFORMATION:
; APPLICANT: Peng Liang
; TITLE OF INVENTION: THE HUMAN MOB-5 (IL-24) RECEPTORS AND USES THEREOF
; FILE REFERENCE: 22000.0091U4
; CURRENT APPLICATION NUMBER: US/10/233,873A
; PRIOR FILING DATE: 2002-11-29
; PRIOR APPLICATION NUMBER: 60/315,684
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence; No. 6902930e =
; OTHER INFORMATION: Synthetic Construct
US-10-233-873A-3

Query Match 21.6%; Score 310; DB 2; Length 248;
Best Local Similarity 32.0%; Pred. No. 4.9e-27;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;
QY 30 KQORVQFQSRNPHNIIQWOPGRALITGNSSVYVQYKIMFSCSMKSGHQKPSGCWQHISCN 89
Db 39 KPANITFLSINNKNVLOWTPPEGLQGVKVTYTVQYFI----- 75
QY 90 PFGCRTLAKYGORONKEDCWGTQELSDLTSETSDIQEPYVYGVRAASAGSYSEWSWT 149
Db 76 -----YGQKWLKSECRNIRNTYCDLSAETSDEHYQYAKYKAIWGTCKSKWAES 126
QY 150 PRFTPMWETKIDPPVMNITQVNGSLVILHAPNLPYQKEKNVSIEDY-ELLYRVFII 208
Db 127 GRFYFPLETOIGPPEVALTIDBKSIISVLTAPKWKRNPEDLFVSMQIYSNLKYNVSL 186
QY 209 NNSLEKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSERC 259
Db 187 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 236

Search completed: July 31, 2006, 18:48:01
Job time : 51 secs

GenCore version 5.1.9
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OM protein - protein search, using sw model

Run on: July 31, 2006, 18:58:29 ; Search time 183 Seconds
(without alignments)
665.713 Million cell updates/sec

Title: US-10-047-264A-4

Perfect score: 1432

Sequence: 1 MPMKCHFLGLISFLTLGVA.....YQPMIDRRSRSERCVEIP 263

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 209797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 209797

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA Main:*

- 1: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
- 2: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
- 3: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US09_PUBCOMB.pep:*
- 4: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*
- 5: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*
- 6: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US11_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1432	100.0	263	4	US-10-047-264A-4
2	1432	100.0	263	4	US-10-293-832-28
3	1432	100.0	263	4	US-10-312-088-42
4	1432	100.0	263	5	US-10-687-268-42
5	1428	99.7	263	3	US-09-961-404-6
6	1427	99.7	262	3	US-09-964-994-2
7	1427	99.7	262	4	US-10-293-654-2
8	1427	99.7	262	4	US-10-700-992-2
9	1397	97.6	263	3	US-09-919-162E-11
10	1397	97.6	263	4	US-10-385-586A-11
11	1256	87.7	230	4	US-10-490-911-8
12	1218	85.1	231	3	US-09-728-911-2
13	1218	85.1	231	3	US-09-949-192-6
14	1218	85.1	231	3	US-09-961-404-4
15	1218	85.1	231	3	US-09-746-375-33
16	1218	85.1	231	3	US-09-919-162E-6
17	1218	85.1	231	4	US-10-245-752-114
18	1218	85.1	231	4	US-10-245-859-114
19	1218	85.1	231	4	US-10-245-103-114
20	1218	85.1	231	4	US-10-245-107-114
21	1218	85.1	231	4	US-10-245-143-114
22	1218	85.1	231	4	US-10-245-771-114
23	1218	85.1	231	4	US-10-245-851-114
24	1218	85.1	231	4	US-10-245-883-114
25	1218	85.1	231	4	US-10-237-535-114
26	1218	85.1	231	4	US-10-238-183-114
27	1218	85.1	231	4	US-10-238-283-114

28	1218	85.1	231	4	US-10-238-370-114	Sequence 114, App
29	1218	85.1	231	4	US-10-245-055-114	Sequence 114, App
30	1218	85.1	231	4	US-10-245-147-114	Sequence 114, App
31	1218	85.1	231	4	US-10-245-730-114	Sequence 114, App
32	1218	85.1	231	4	US-10-245-739-114	Sequence 114, App
33	1218	85.1	231	4	US-10-246-210-114	Sequence 114, App
34	1218	85.1	231	4	US-10-239-196-114	Sequence 114, App
35	1218	85.1	231	4	US-10-090-365-2	Sequence 2, Appli
36	1218	85.1	231	4	US-10-243-024-114	Sequence 114, App
37	1218	85.1	231	4	US-10-243-409-114	Sequence 114, App
38	1218	85.1	231	4	US-10-245-621-114	Sequence 114, App
39	1218	85.1	231	4	US-10-245-880-114	Sequence 114, App
40	1218	85.1	231	4	US-10-245-033-114	Sequence 114, App
41	1218	85.1	231	4	US-10-243-095-114	Sequence 114, App
42	1218	85.1	231	4	US-10-245-185-114	Sequence 114, App
43	1218	85.1	231	4	US-10-245-427-114	Sequence 114, App
44	1218	85.1	231	4	US-10-245-473-114	Sequence 114, App
45	1218	85.1	231	4	US-10-245-770-114	Sequence 114, App

ALIGNMENTS

RESULT 1

US-10-047-264A-4
; Sequence 4, Application US/10047264A
; Publication No. US20030170839A1
; GENERAL INFORMATION:
; APPLICANT: Fouser, Lynette
; APPLICANT: Liu, Wei
; APPLICANT: Deng, Bijia
; TITLE OF INVENTION: TYPE 2 CYTOKINE RECEPTOR AND NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: SAME
; FILE REFERENCE: 22058-532
; CURRENT APPLICATION NUMBER: US/10/047.264A
; PRIOR FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 60/261442
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/267021
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: 60/270835
; PRIOR FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 263
; TYPE: PRT
; ORGANISM: human
US-10-047-264A-4

Query Match 100.0%; Score 1432; DB 4; Length 263;
Best Local Similarity 100.0%; Pred. No. 1.7e-133;
Matches 263; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MPMKCHFLGLISFLTLGVAQTQSTHSLKPKQRYQFQSRNFHILQWOPGRALTCGNSSVY	60
Db	1	MPMKCHFLGLISFLTLGVAQTQSTHSLKPKQRYQFQSRNFHILQWOPGRALTCGNSSVY	60
Qy	61	FVQYKIMFSCMSKSHQKSGCWOHISCNFPGCRTLAKYQORQWKNKEDCWGTQELSCDL	120
Db	61	FVQYKIMFSCMSKSHQKSGCWOHISCNFPGCRTLAKYQORQWKNKEDCWGTQELSCDL	120
Qy	121	TSETSDIOEYPYGEVRAASAGSYSEWSMTFRFTFWETKIDPPVNNITQVNGSLVILHA	180
Db	121	TSETSDIOEYPYGEVRAASAGSYSEWSMTFRFTFWETKIDPPVNNITQVNGSLVILHA	180
Qy	181	PNLPYRQKKNVSIYEDYELLVRFVFINNSLEKEQKYEGAHRAVEATEALTPHSSYCVV	240
Db	181	PNLPYRQKKNVSIYEDYELLVRFVFINNSLEKEQKYEGAHRAVEATEALTPHSSYCVV	240
Qy	241	AEIQPMLDRRSQRSEERCVEIP 263	
Db	241	AEIQPMLDRRSQRSEERCVEIP 263	


```
RESULT 2
US-10-293-832-28
; Sequence 28, Application US/10293832
; Publication No. US20030180752A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Wei
; APPLICANT: Fouser, Lynette
; APPLICANT: Spaulding, Vikki
; TITLE OF INVENTION: TYPE 2 CYTOKINE RECEPTOR AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 22058-546
; CURRENT APPLICATION NUMBER: US/10/293,832
; CURRENT FILING DATE: 2002-11-12
; PRIOR APPLICATION NUMBER: US 60/332,366
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 28
; LENGTH: 263
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-832-28

Query Match      100.0%; Score 1432; DB 4; Length 263;
Best Local Similarity 100.0%; Pred. No. 1.7e-133;
Matches 263; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MMPKHCFLGLISFLTGVAGTQSTHESLKPORVQFSRNFHNILOWQPGRALTGNSVY 60
Db      1  MMPKHCFLGLISFLTGVAGTQSTHESLKPORVQFSRNFHNILOWQPGRALTGNSVY 60
Qy      61  FVQYKIMFSCMSKSHQKPSGCWQHISCNFPFCRTLAKYQORQWKNKEDCWGTQELSCDL 120
Db      61  FVQYKIMFSCMSKSHQKPSGCWQHISCNFPFCRTLAKYQORQWKNKEDCWGTQELSCDL 120
Qy      121  TSETSDIQEPPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 180
Db      121  TSETSDIQEPPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 180
Qy      181  PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVV 240
Db      181  PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVV 240
Qy      241  AEIYQPMIDRRSQRSEERCVEIP 263
Db      241  AEIYQPMIDRRSQRSEERCVEIP 263

RESULT 3
US-10-312-088-42
; Sequence 42, Application US/10312088
; Publication No. US20030219862A1
; GENERAL INFORMATION:
; APPLICANT: Agarwal, Pankaj
; APPLICANT: Cogswell, John P.
; APPLICANT: Kabnic, Karen S.
; APPLICANT: Lai, Ying-Ta
; APPLICANT: Martensen, Shelby A.
; APPLICANT: Muddock, Paul R.
; APPLICANT: Smith, Randall F.
; APPLICANT: Strum, Jay C.
; APPLICANT: Xiang, Zhaoying
; APPLICANT: Xie, Qing
; APPLICANT: Rizni, Safia K.
; TITLE OF INVENTION: NOVEL COMPOUNDS
; FILE REFERENCE: GP50029
; CURRENT APPLICATION NUMBER: US/10/312,088
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/19929
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 60/213,161
; PRIOR FILING DATE: 2000-06-22
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; PRIOR APPLICATION NUMBER: 60/213,156
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 263
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-312-088-42

Query Match      100.0%; Score 1432; DB 4; Length 263;
Best Local Similarity 100.0%; Pred. No. 1.7e-133;
Matches 263; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MMPKHCFLGLISFLTGVAGTQSTHESLKPORVQFSRNFHNILOWQPGRALTGNSVY 60
Db      1  MMPKHCFLGLISFLTGVAGTQSTHESLKPORVQFSRNFHNILOWQPGRALTGNSVY 60
Qy      61  FVQYKIMFSCMSKSHQKPSGCWQHISCNFPFCRTLAKYQORQWKNKEDCWGTQELSCDL 120
Db      61  FVQYKIMFSCMSKSHQKPSGCWQHISCNFPFCRTLAKYQORQWKNKEDCWGTQELSCDL 120
Qy      121  TSETSDIQEPPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 180
Db      121  TSETSDIQEPPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 180
Qy      181  PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVV 240
Db      181  PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVV 240
Qy      241  AEIYQPMIDRRSQRSEERCVEIP 263
Db      241  AEIYQPMIDRRSQRSEERCVEIP 263

RESULT 4
US-10-687-268-42
; Sequence 42, Application US/10687268
; Publication No. US20050137129A1
; GENERAL INFORMATION:
; APPLICANT: Agarwal, Pankaj
; APPLICANT: Lee, Judithann M.
; APPLICANT: Smith, Randall F.
; APPLICANT: White, John R.
; TITLE OF INVENTION: NOVEL COMPOUNDS
; FILE REFERENCE: GP50029-1
; CURRENT APPLICATION NUMBER: US/10/687,268
; CURRENT FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: 60/213,161
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/213,156
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: PCT/US01/19929
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 10/312,088
; PRIOR FILING DATE: 2002-12-20
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 263
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-687-268-42

Query Match      100.0%; Score 1432; DB 5; Length 263;
Best Local Similarity 100.0%; Pred. No. 1.7e-133;
Matches 263; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MMPKHCFLGLISFLTGVAGTQSTHESLKPORVQFSRNFHNILOWQPGRALTGNSVY 60
Db      1  MMPKHCFLGLISFLTGVAGTQSTHESLKPORVQFSRNFHNILOWQPGRALTGNSVY 60
Qy      61  FVQYKIMFSCMSKSHQKPSGCWQHISCNFPFCRTLAKYQORQWKNKEDCWGTQELSCDL 120
```

Db 61 FVQYKIMFSCMKSHQKPSGCWQHISCNPFPGCTLAKYQORQWKNKEDCWGTQELSCDL 120
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPRFTPWETKIDPPVNNITVNGSLVILHA 180
Db 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPRFTPWETKIDPPVNNITVNGSLVILHA 180
QY 181 PNLPRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVYGAHRAVEIALTPHSSYCVV 240
Db 181 PNLPRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVYGAHRAVEIALTPHSSYCVV 240
QY 241 AEIYQPMDDRORSERCEVEIP 263
Db 241 AEIYQPMDDRORSERCEVEIP 263

RESULT 5

US-09-961-404-6
; Sequence 6, Application US/09961404
; Publication No. US20030022827A1

GENERAL INFORMATION:

; APPLICANT: WEISS, BERTRAM
; APPLICANT: SABAT, ROBERT
; APPLICANT: ASADULLAH, KHUSRU
; APPLICANT: TOSCHI, LUISELLA

; TITLE OF INVENTION: THREE NEW MEMBERS OF THE CYTOKINE RECEPTOR

; FILE REFERENCE: FAMILY CLASS 2

; CURRENT APPLICATION NUMBER: US/09/961,404

; CURRENT FILING DATE: 2001-09-25

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: Patent In Ver. 2.1

; SEQ ID NO 6

; LENGTH: 263

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-961-404-6

Query Match 99.7%; Score 1428; DB 3; Length 263;
Best Local Similarity 99.6%; Pred. No. 4.2e-133;
Matches 262; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPMKCFGLFLISFFLTGVAGTQSTHESLKPQVQFSRNFHNLQWQGRALTGNSVY 60
Db 1 MPMKCFGLFLISFFLTGVAGTQSTHESLKPQVQFSRNFHNLQWQGRALTGNSVY 60
QY 61 FVQYKIMFSCMKSHQKPSGCWQHISCNPFPGCTLAKYQORQWKNKEDCWGTQELSCDL 120
Db 61 FVQYKIMFSCMKSHQKPSGCWQHISCNPFPGCTLAKYQORQWKNKEDCWGTQELSCDL 120
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPRFTPWETKIDPPVNNITVNGSLVILHA 180
Db 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPRFTPWETKIDPPVNNITVNGSLVILHA 180
QY 181 PNLPRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVYGAHRAVEIALTPHSSYCVV 240
Db 181 PNLPRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVYGAHRAVEIALTPHSSYCVV 240
QY 241 AEIYQPMDDRORSERCEVEIP 263
Db 241 AEIYQPMDDRORSERCEVEIP 263

RESULT 6

US-09-964-994-2
; Sequence 2, Application US/09964994
; Publication No. US20020137909A1

GENERAL INFORMATION:

; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO
; FILE REFERENCE: P3121R1
; CURRENT APPLICATION NUMBER: US/09/964,994
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/191,015
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 09/941,992
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 2
; LENGTH: 262
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-964-994-2

Query Match 99.7%; Score 1427; DB 3; Length 262;
Best Local Similarity 100.0%; Pred. No. 5.2e-133;
Matches 262; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 MPMKCFGLFLISFFLTGVAGTQSTHESLKPQVQFSRNFHNLQWQGRALTGNSVY 61
Db 1 MPMKCFGLFLISFFLTGVAGTQSTHESLKPQVQFSRNFHNLQWQGRALTGNSVY 60
QY 62 VQYKIMFSCMKSHQKPSGCWQHISCNPFPGCTLAKYQORQWKNKEDCWGTQELSCDL 121
Db 61 VQYKIMFSCMKSHQKPSGCWQHISCNPFPGCTLAKYQORQWKNKEDCWGTQELSCDL 120
QY 122 SETSDIQEPYGRVRAASAGSYSEWSMTPRFTPWETKIDPPVNNITVNGSLVILHA 181
Db 121 SETSDIQEPYGRVRAASAGSYSEWSMTPRFTPWETKIDPPVNNITVNGSLVILHA 180
QY 182 NLPYRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVYGAHRAVEIALTPHSSYCVV 241
Db 181 NLPYRYQKEKNVSIEDYELLYRVFIINNSLEKEQKVYGAHRAVEIALTPHSSYCVV 240
QY 242 EIYQPMDDRORSERCEVEIP 263
Db 241 EIYQPMDDRORSERCEVEIP 262

RESULT 7

US-10-293-654-2
; Sequence 2, Application US/10293654
; Publication No. US20040023323A1

GENERAL INFORMATION:

; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO
; FILE REFERENCE: P3121R1
; CURRENT APPLICATION NUMBER: US/10/293,654
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/964,994
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/191,015
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 09/941,992
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 2
; LENGTH: 262

; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-293-654-2

Query Match 99.7%; Score 1427; DB 4; Length 262;
Best Local Similarity 100.0%; Pred. No. 5.2e-133; Indels 0; Gaps 0;
Matches 262; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 MPKHCFLGLISFLLTGAGTQSTHESLKPRVQFQSRNFHILQWPGRALTGNSVYF 61
DB 1 MPKHCFLGLISFLLTGAGTQSTHESLKPRVQFQSRNFHILQWPGRALTGNSVYF 60
QY 62 VOYKIMFSCMSKSHQKPSGCWQHISCNFPGCRTLAKYQORQWKNKEDCWGTQELSCDLT 121
DB 61 VOYKIMFSCMSKSHQKPSGCWQHISCNFPGCRTLAKYQORQWKNKEDCWGTQELSCDLT 120
QY 122 SETSDIQEPPYGRVRAASAGSYSEWSMTPTFTPWETKIDPPVNMNITQVNGSLVILHAP 181
DB 121 SETSDIQEPPYGRVRAASAGSYSEWSMTPTFTPWETKIDPPVNMNITQVNGSLVILHAP 180
QY 182 NLPYRQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVVA 241
DB 181 NLPYRQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVVA 240
QY 242 EIYQPMMLDRRSORSEERCVEIP 263
DB 241 EIYQPMMLDRRSORSEERCVEIP 262

RESULT 8

US-10-700-992-2

; Sequence 2, Application US/10700992
; Publication No. US20040086970A1

; GENERAL INFORMATION:

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO
; FILE REFERENCE: P3121R1

; CURRENT APPLICATION NUMBER: US/10/700,992

; CURRENT FILING DATE: 2003-11-03

; PRIOR APPLICATION NUMBER: US/09/964,994B

; PRIOR FILING DATE: 2001-09-26

; PRIOR APPLICATION NUMBER: PCT/US00/08439

; PRIOR FILING DATE: 2000-03-30

; PRIOR APPLICATION NUMBER: PCT/US01/06520

; PRIOR FILING DATE: 2001-02-28

; PRIOR APPLICATION NUMBER: US 60/191,015

; PRIOR FILING DATE: 2000-03-21

; PRIOR APPLICATION NUMBER: US 09/941,992

; PRIOR FILING DATE: 2001-08-28

; NUMBER OF SEQ ID NOS: 7

; SEQ ID NO 2

; LENGTH: 262

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-700-992-2

Query Match 99.7%; Score 1427; DB 4; Length 262;
Best Local Similarity 100.0%; Pred. No. 5.2e-133; Indels 0; Gaps 0;
Matches 262; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 MPKHCFLGLISFLLTGAGTQSTHESLKPRVQFQSRNFHILQWPGRALTGNSVYF 61
DB 1 MPKHCFLGLISFLLTGAGTQSTHESLKPRVQFQSRNFHILQWPGRALTGNSVYF 60
QY 62 VOYKIMFSCMSKSHQKPSGCWQHISCNFPGCRTLAKYQORQWKNKEDCWGTQELSCDLT 121
DB 61 VOYKIMFSCMSKSHQKPSGCWQHISCNFPGCRTLAKYQORQWKNKEDCWGTQELSCDLT 120

QY 122 SETSDIQEPPYGRVRAASAGSYSEWSMTPTFTPWETKIDPPVNMNITQVNGSLVILHAP 181
DB 121 SETSDIQEPPYGRVRAASAGSYSEWSMTPTFTPWETKIDPPVNMNITQVNGSLVILHAP 180
QY 182 NLPYRQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVVA 241
DB 181 NLPYRQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVVA 240
QY 242 EIYQPMMLDRRSORSEERCVEIP 263
DB 241 EIYQPMMLDRRSORSEERCVEIP 262

RESULT 9

US-09-919-162E-11

; Sequence 11, Application US/09919162E

; Publication No. US20040071699A1

; GENERAL INFORMATION:

; APPLICANT: Renauld, Jean-Christophe

; APPLICANT: Dumoutier, Laure

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Encode A Soluble IL-TIF/
; FILE REFERENCE: LUD 5684.2 (10106926)

; CURRENT APPLICATION NUMBER: US/09/919,162E

; CURRENT FILING DATE: 2001-07-31

; PRIOR APPLICATION NUMBER: US 60/245,495

; PRIOR FILING DATE: 2000-03-11

; PRIOR APPLICATION NUMBER: US 60/234,583

; PRIOR FILING DATE: 2000-09-22

; NUMBER OF SEQ ID NOS: 11

; SEQ ID NO 11

; LENGTH: 263

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-919-162E-11

Query Match 97.6%; Score 1397; DB 3; Length 263;
Best Local Similarity 98.1%; Pred. No. 5e-130; Indels 0; Gaps 0;
Matches 258; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 1 MNPKHCFLGLISFLLTGAGTQSTHESLKPRVQFQSRNFHILQWPGRALTGNSVY 60
DB 1 MNPKHCFLGLISFLLTGAGTQSTHESLKPRVQFQSRNFHILQWPGRALTGNSVY 60
QY 61 FVOYKIMFSCMSKSHQKPSGCWQHISCNFPGCRTLAKYQORQWKNKEDCWGTQELSCDL 120
DB 61 FVOYKIMFSCMSKSHQKPSGCWQHISCNFPGCRTLAKYQORQWKNKEDCWGTQELSCDL 120
QY 121 TSETSDIQEPPYGRVRAASAGSYSEWSMTPTFTPWETKIDPPVNMNITQVNGSLVILHA 180
DB 121 TSETSDIQEPPYGRVRAASAGSYSEWSMTPTFTPWETKIDPPVNMNITQVNGSLVILHA 180
QY 181 NLPYRQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVV 240
DB 181 NLPYRQKEKNVSIEDYELLRYVFIINNSLEKEQKYEGAHRAVEIEALTPHSSYCVV 240
QY 241 AEIYQPMMLDRRSORSEERCVEIP 263
DB 241 AEIYQPMMLDRRSORSEERCVEIP 262

RESULT 10

US-10-385-586A-11

; Sequence 11, Application US/10385586A

; Publication No. US20040180399A1

; GENERAL INFORMATION:

; APPLICANT: Renauld, Jean-Christophe

; APPLICANT: Dumoutier, Laure

; TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Encode A Soluble IL-TIF/
; FILE REFERENCE: LUD 5684.3 (10303396)

; CURRENT APPLICATION NUMBER: US/10/385,586A

; CURRENT FILING DATE: 2003-03-11

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; PRIOR APPLICATION NUMBER: US 09/919,162
; PRIOR FILING DATE: 2001-31-07
; PRIOR APPLICATION NUMBER: US 60/245,495
; PRIOR FILING DATE: 2000-03-11
; PRIOR APPLICATION NUMBER: US60/234,583
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 11
; SEQ ID NO 11
; LENGTH: 263
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-385-586A-11

Query Match
Best Local Similarity 97.6%; Score 1397; DB 4; Length 263;
Matches 258; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 MNPKECFGLISFLTGAGTQSTHSLKPVQFQSRNFMHNLQWPGRLTGNSSVY 60
Db 1 MNPKECFGLISFLTGAGTQSTHSLKPVQFQSRNFMHNLQWPGRLTGNSSVY 60
QY 61 FVOYKIMFSCSMKSHQKPSGCHQHSICNPFGRCTLAKYQORQWKNKEDCWGTQELSCDL 120
Db 61 FVOYKIMFSCSMKSHQKPSGCHQHSICNPFGRCTLAKYQORQWKNKEDCWGTQELSCDL 120
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVMNITQVNGSLVILHA 180
Db 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVMNITQVNGSLVILHA 180
QY 181 PNLPHYQKKNVSIEDYELLRYVFIINNSLEKEQKVEGAHRAVEIEALTTPHSSVCVV 240
Db 181 PNLPHYQKKNVSIEDYELLRYVFIINNSLEKEQKVEGAHRAVEIEALTTPHSSVCVV 240
QY 241 AEIYQPMMLDRRSQSRSEERCVEIP 263
Db 241 AEIYQPMMLDRRSQSRSEERCVEIP 263

RESULT 11
US-10-490-593-8
; Sequence 8, Application US/10490593
; Publication No. US20040204351A1
; GENERAL INFORMATION:
; APPLICANT: Baldwin, David B.
; TITLE OF INVENTION: Soluble Proteins that Inhibit Cytokine Signal Transduction Pathwa
; FILE REFERENCE: X-15219
; CURRENT APPLICATION NUMBER: US/10/490,593
; PRIOR FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US 60/342,233
; PRIOR FILING DATE: 2001-10-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 8
; LENGTH: 230
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-490-593-8

Query Match
Best Local Similarity 87.7%; Score 1256; DB 4; Length 230;
Matches 230; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 34 VQFQSRNFMHNLQWPGRLTGNSSVYFVOYKIMFSCSMKSHQKPSGCHQHSICNPFGR 93
Db 1 VQFQSRNFMHNLQWPGRLTGNSSVYFVOYKIMFSCSMKSHQKPSGCHQHSICNPFGR 60
QY 94 RTLAKYQORQWKNKEDCWGTQELSCDLTSETSDIQEPYGRVRAASAGSYSEWSMTPTPT 153
Db 61 RTLAKYQORQWKNKEDCWGTQELSCDLTSETSDIQEPYGRVRAASAGSYSEWSMTPTPT 120
QY 154 PWEETKIDPPVMNITQVNGSLVILHA PNLPHYQKKNVSIEDYELLRYVFIINNSLEKEQKVEGAHRAVEIEALTTPHSSVCVV 213
Db 154 PWEETKIDPPVMNITQVNGSLVILHA PNLPHYQKKNVSIEDYELLRYVFIINNSLEKEQKVEGAHRAVEIEALTTPHSSVCVV 213

; PRIOR APPLICATION NUMBER: US 09/728,911
; Sequence 2, Application US/09728911
; Patent No. US20020012669A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindevogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 99-93
; CURRENT APPLICATION NUMBER: US/09/728,911
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/169,049
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US 60/232,219
; PRIOR FILING DATE: 2000-09-13
; PRIOR APPLICATION NUMBER: US 60/244,610
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-728-911-2

Query Match
Best Local Similarity 85.1%; Score 1218; DB 3; Length 231;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

QY 1 MNPKECFGLISFLTGAGTQSTHSLKPVQFQSRNFMHNLQWPGRLTGNSSVY 60
Db 1 MNPKECFGLISFLTGAGTQSTHSLKPVQFQSRNFMHNLQWPGRLTGNSSVY 60
QY 61 FVOYKIMFSCSMKSHQKPSGCHQHSICNPFGRCTLAKYQORQWKNKEDCWGTQELSCDL 120
Db 61 FVOYKI-----YQORQWKNKEDCWGTQELSCDL 88
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVMNITQVNGSLVILHA 180
Db 89 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVMNITQVNGSLVILHA 148
QY 181 PNLPHYQKKNVSIEDYELLRYVFIINNSLEKEQKVEGAHRAVEIEALTTPHSSVCVV 240
Db 149 PNLPHYQKKNVSIEDYELLRYVFIINNSLEKEQKVEGAHRAVEIEALTTPHSSVCVV 208
QY 241 AEIYQPMMLDRRSQSRSEERCVEIP 263
Db 209 AEIYQPMMLDRRSQSRSEERCVEIP 231

RESULT 13
US-09-949-192-6
; Sequence 6, Application US/09949192
; Patent No. US20020142292A1
; GENERAL INFORMATION:
; APPLICANT: Parham, Christi L.
; APPLICANT: Gorman, Daniel L.
; APPLICANT: Kurata, Hirokazu
; APPLICANT: Arai, Naoko
; APPLICANT: Sana, Theodore R.
; APPLICANT: Mattson, Jeanine D.
; APPLICANT: Murphy, Erin E.
; APPLICANT: Savkoor, Chetan
; APPLICANT: Grein, Jeffery
```

```
; APPLICANT: Smith, Kathleen M.
; APPLICANT: McLanahan, Terrill K.
; TITLE OF INVENTION: MAMMALIAN GENES; RELATED REAGENTS AND METHODS
; FILE REFERENCE: DX01169K
; CURRENT APPLICATION NUMBER: US/09/949,192
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,267
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-949-192-6

Query Match      85.1%; Score 1218; DB 3; Length 231;
Best Local Similarity 87.8%; Pred. No. 2.6e-112;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

QY 1 MPPKHCFLGLISFFLTGAGTQSTHESLKQPVQFSRNFHNILOWQFGRALTGNSSVY 60
   |||||
Db 1 MPPKHCFLGLISFFLTGAGTQSTHESLKQPVQFSRNFHNILOWQFGRALTGNSSVY 60
   |||||
QY 61 FVQYKIMFSCMSKSHQKPGSCWOHISCNPFGRCTLAKYQORQWKNEKDCWGTQELSDDL 120
   |||||
Db 61 FVQYKI-----YQORQWKNEKDCWGTQELSDDL 88
   |||||
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNMNITQVNGSLVILHA 180
   |||||
Db 89 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNMNITQVNGSLVILHA 148
   |||||
QY 181 PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKVYEGAHRAVEIEALTPHSSYCVV 240
   |||||
Db 149 PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKVYEGAHRAVEIEALTPHSSYCVV 208
   |||||
QY 241 AEIYQPMIDRRSQRSEERCVEIP 263
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Db 209 AEIYQPMIDRRSQRSEERCVEIP 231
   |||||
US-09-961-404-4

Query Match      85.1%; Score 1218; DB 3; Length 231;
Best Local Similarity 87.8%; Pred. No. 2.6e-112;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

QY 1 MPPKHCFLGLISFFLTGAGTQSTHESLKQPVQFSRNFHNILOWQFGRALTGNSSVY 60
   |||||
Db 1 MPPKHCFLGLISFFLTGAGTQSTHESLKQPVQFSRNFHNILOWQFGRALTGNSSVY 60
   |||||
QY 61 FVQYKIMFSCMSKSHQKPGSCWOHISCNPFGRCTLAKYQORQWKNEKDCWGTQELSDDL 120
   |||||
Db 61 FVQYKI-----YQORQWKNEKDCWGTQELSDDL 88
   |||||
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNMNITQVNGSLVILHA 180
   |||||
Db 89 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNMNITQVNGSLVILHA 148
   |||||
QY 181 PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKVYEGAHRAVEIEALTPHSSYCVV 240
   |||||
Db 149 PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKVYEGAHRAVEIEALTPHSSYCVV 208
   |||||
QY 241 AEIYQPMIDRRSQRSEERCVEIP 263
   |||||
Db 209 AEIYQPMIDRRSQRSEERCVEIP 231
   |||||
US-09-961-404-4

Query Match      85.1%; Score 1218; DB 3; Length 231;
Best Local Similarity 87.8%; Pred. No. 2.6e-112;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

QY 1 MPPKHCFLGLISFFLTGAGTQSTHESLKQPVQFSRNFHNILOWQFGRALTGNSSVY 60
   |||||
Db 1 MPPKHCFLGLISFFLTGAGTQSTHESLKQPVQFSRNFHNILOWQFGRALTGNSSVY 60
   |||||
QY 61 FVQYKIMFSCMSKSHQKPGSCWOHISCNPFGRCTLAKYQORQWKNEKDCWGTQELSDDL 120
   |||||
Db 61 FVQYKI-----YQORQWKNEKDCWGTQELSDDL 88
   |||||
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNMNITQVNGSLVILHA 180
   |||||
Db 89 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNMNITQVNGSLVILHA 148
   |||||
QY 181 PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKVYEGAHRAVEIEALTPHSSYCVV 240
   |||||
Db 149 PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKVYEGAHRAVEIEALTPHSSYCVV 208
   |||||
QY 241 AEIYQPMIDRRSQRSEERCVEIP 263
   |||||
Db 209 AEIYQPMIDRRSQRSEERCVEIP 231
   |||||
US-09-961-404-4

Query Match      85.1%; Score 1218; DB 3; Length 231;
Best Local Similarity 87.8%; Pred. No. 2.6e-112;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

QY 1 MPPKHCFLGLISFFLTGAGTQSTHESLKQPVQFSRNFHNILOWQFGRALTGNSSVY 60
   |||||
Db 1 MPPKHCFLGLISFFLTGAGTQSTHESLKQPVQFSRNFHNILOWQFGRALTGNSSVY 60
   |||||
QY 61 FVQYKIMFSCMSKSHQKPGSCWOHISCNPFGRCTLAKYQORQWKNEKDCWGTQELSDDL 120
   |||||
Db 61 FVQYKI-----YQORQWKNEKDCWGTQELSDDL 88
   |||||
QY 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNMNITQVNGSLVILHA 180
   |||||
Db 89 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNMNITQVNGSLVILHA 148
   |||||
QY 181 PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKVYEGAHRAVEIEALTPHSSYCVV 240
   |||||
Db 149 PNLPRYQKEKNVSIEDYELLRYVFIINNSLEKEQKVYEGAHRAVEIEALTPHSSYCVV 208
   |||||
QY 241 AEIYQPMIDRRSQRSEERCVEIP 263
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Db 209 AEIYQPMIDRRSQRSEERCVEIP 231
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US-09-961-404-4
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Search completed: July 31, 2006, 19:02:00
Job time : 184 secs

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OM protein - protein search, using sw model

Run on: July 31, 2006, 18:59:04 ; Search time 32 Seconds
(without alignments)
542.801 Million cell updates/sec

Title: US-10-047-264A-4
Perfect score: 1432
Sequence: 1 MPMKHCFLGLISFLTGVA.....YQMLDRRSQRSEERCVETP 263

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 232337 seqs, 56044171 residues

Total number of hits satisfying chosen parameters: 232337

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA New.*
1: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
2: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
3: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
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5: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
6: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
7: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
8: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US60_NEW_PUB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1218	85.1	231	6	US-10-807-997-13
2	1218	85.1	231	7	US-11-256-499A-13
3	311	21.7	221	6	US-10-636-716-52
4	310	21.6	221	6	US-10-636-716-50
5	310	21.6	221	6	US-10-636-716-56
6	310	21.6	542	6	US-10-196-749-398
7	310	21.6	542	7	US-11-226-554-84
8	310	21.6	542	7	US-11-248-718-84
9	310	21.6	553	6	US-10-636-716-2
10	310	21.6	553	6	US-10-636-716-14
11	310	21.6	553	6	US-10-636-716-16
12	310	21.6	553	6	US-10-636-716-18
13	310	21.6	553	6	US-10-636-716-20
14	310	21.6	553	6	US-10-636-716-22
15	310	21.6	553	6	US-10-636-716-24
16	310	21.6	553	6	US-10-636-716-26
17	310	21.6	553	6	US-10-636-716-28
18	310	21.6	553	6	US-10-636-716-30
19	310	21.6	553	6	US-10-636-716-32
20	310	21.6	553	6	US-10-636-716-34
21	310	21.6	553	6	US-10-636-716-36
22	310	21.6	553	6	US-10-636-716-38
23	310	21.6	553	6	US-10-636-716-40
24	310	21.6	553	6	US-10-636-716-42
25	310	21.6	553	6	US-10-636-716-44

26	310	21.6	553	6	US-10-636-716-46	Sequence 46, Appl
27	310	21.6	553	7	US-10-636-716-48	Sequence 48, Appl
28	310	21.6	553	7	US-11-226-554-85	Sequence 85, Appl
29	310	21.6	553	7	US-11-248-718-85	Sequence 85, Appl
30	308	21.5	221	6	US-10-636-716-54	Sequence 54, Appl
31	303	21.2	221	6	US-10-636-716-58	Sequence 58, Appl
32	299	20.9	221	6	US-10-636-716-60	Sequence 60, Appl
33	246	17.2	581	6	US-10-807-997-42	Sequence 42, Appl
34	246	17.2	581	7	US-11-256-499A-42	Sequence 42, Appl
35	245	17.1	212	6	US-10-807-997-62	Sequence 62, Appl
36	245	17.1	212	7	US-11-256-499A-62	Sequence 62, Appl
37	240	16.8	574	6	US-10-807-997-2	Sequence 2, Appl
38	240	16.8	574	7	US-11-101-316-164	Sequence 164, App
39	240	16.8	574	7	US-11-256-499A-2	Sequence 2, Appl
40	240	16.8	574	7	US-11-376-673-164	Sequence 164, App
41	237.5	16.6	490	6	US-10-807-997-40	Sequence 40, Appl
42	237.5	16.6	490	7	US-11-256-499A-40	Sequence 40, Appl
43	237	16.6	211	6	US-10-807-997-3	Sequence 3, Appl
44	237	16.6	211	7	US-11-256-499A-3	Sequence 3, Appl
45	237	16.6	541	6	US-10-807-997-4	Sequence 4, Appl

ALIGNMENTS

RESULT 1
US-10-807-997-13
; Sequence 13, Application US/10807997
; Publication No. US20060134756A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chandrasekher, Yasmin A.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Lehner, Joyce M.
; APPLICANT: Siadak, Anthony W.
; APPLICANT: Sivakumar, Pallavur V.
; APPLICANT: Moore, Margaret D.
; TITLE OF INVENTION: ANTI-IL-20 ANTIBODIES AND BINDING
; TITLE OF INVENTION: PARTNERS AND METHODS OF USING IN INFLAMMATION
; FILE REFERENCE: 04-04
; CURRENT APPLICATION NUMBER: US/10/807,997
; CURRENT FILING DATE: 2004-03-24
; PRIOR APPLICATION NUMBER: US 60/457,481
; PRIOR FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US 60/523,295
; PRIOR FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-807-997-13

Query Match					85.1%; Score 1218; DB 6; Length 231;
Best Local Similarity					87.8%; Pred. No. 1.9e-111;
Matches 231; Conservative					0; Mismatches 0; Indels 32; Gaps 1;
Qy	1	MPMKHCFLGLISFLTGAGTQSTHESLKFORVQFSRNFHNILOWQFGRALTGNSSVY	60		
Db	1	MPMKHCFLGLISFLTGAGTQSTHESLKFORVQFSRNFHNILOWQFGRALTGNSSVY	60		
Qy	61	FVQYKIMFSCMSKSHQKPSGCWQHISCNFPQCRITLAKYQQRQKNCDCWGTQELSCDL	120		
Db	61	FVQYKI-----YQQRQKNCDCWGTQELSCDL	88		
Qy	121	TSETSDIOEPYIGRVAASAGYSWSMTPTPTWETKIDPPVNNITQVNGSLVILHA	180		
Db	89	TSETSDIOEPYIGRVAASAGYSWSMTPTPTWETKIDPPVNNITQVNGSLVILHA	148		
Qy	181	PNLPYRQKKNVSTEDYELLRYVFIINNSLEKQKVEGAHRAVEATEALPHSSYCVV	240		

```
Db 149 PNLVRYQKQKNSIEDYELLRYVFIINNSLEKEQKYGAGRAVEIEALTPHSSYCV 208
Qy 241 AEIYQMLDRRSQRSEERCVEIP 263
Db 209 AEIYQMLDRRSQRSEERCVEIP 231

RESULT 2
US-11-256-499A-13
; Sequence 13, Application US/11256499A
; Publication No. US20060141582A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chandrasekhar, Yasmin A.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Lehner, Joyce M.
; APPLICANT: Siadak, Anthony W.
; APPLICANT: Sivakumar, Pallavur V.
; APPLICANT: Moore, Margaret D.
; TITLE OF INVENTION: ANTI-IL-20 ANTIBODIES AND BINDING
; FILE REFERENCE: 04-04
; CURRENT APPLICATION NUMBER: US/11/256,499A
; PRIOR FILING DATE: 2005-10-21
; PRIOR APPLICATION NUMBER: US 60/457,481
; PRIOR FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US 60/523,295
; PRIOR FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-11-256-499A-13

Query Match 85.1%; Score 1218; DB 7; Length 231;
Best Local Similarity 87.8%; Pred. No. 1.9e-111;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

Qy 1 MNPKCFGLFISFLTGVAGTQSTHESLKPORVQFSRNFHNILOWQPGRALTGNSSVY 60
Db 1 MNPKCFGLFISFLTGVAGTQSTHESLKPORVQFSRNFHNILOWQPGRALTGNSSVY 60
Qy 61 FVOYKIMFSCMSKSHQSPGCMQHSNFPCCRTLAKYQGWKNKEDCGTQELSCDL 120
Db 61 FVOYKI-----YGRQWKNKEDCGTQELSCDL 88
Qy 121 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 180
Db 89 TSETSDIQEPYGRVRAASAGSYSEWSMTPTPTPWETKIDPPVNNITQVNGSLVILHA 148
Qy 181 PNLVRYQKQKNSIEDYELLRYVFIINNSLEKEQKYGAGRAVEIEALTPHSSYCV 240
Db 149 PNLVRYQKQKNSIEDYELLRYVFIINNSLEKEQKYGAGRAVEIEALTPHSSYCV 208
Qy 241 AEIYQMLDRRSQRSEERCVEIP 263
Db 209 AEIYQMLDRRSQRSEERCVEIP 231

RESULT 3
US-10-636-716-52
; Sequence 52, Application US/10636716
; Publication No. US20060160091A9
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jeimberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
```

```
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/636,716
; FILING DATE: 07-AUG-2003
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,087
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/903,305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lunn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 221 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; US-10-636-716-52

Query Match 21.7%; Score 311; DB 6; Length 221;
Best Local Similarity 32.0%; Pred. No. 9e-23;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KQQRVQFSRNFHNILOWQPGRALTGNSSVYFVQYKIMFSCMSKSHQKPGCGWHSN 89
Db 10 KPGNITFLSNMKNVLQWTPPEGLQGVKVTYVQYFI-----46
Qy 90 FPGCRTLAKYQGWKNKEDCGTQELSCDLTSETSDIQEPYGRVRAASAGSYSEWSMT 149
Db 47 -----YGRQWKNKSECRNINRTYCDLSAETSDYEHQYAKVKAIWGTCCKSWAES 97
Qy 150 PRFTPWETKIDPPVNNITQVNGSLVILHAHAPNLVRYQKQKNSIEDY-ELLRYVFI 208
Db 98 GRFPFLETQIGPPEVGLTTDEKISVVLTAPEKWKRPEDLPVSMQIYSLNLTNVSVL 157
Qy 209 NNSLEKEQKYGAGRAVEIEALTPHSSYCVVAEIIYQPMMLDRRSQRSEERC 259
Db 158 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVGPFPRAQPSKQK 207

RESULT 4
US-10-636-716-50
; Sequence 50, Application US/10636716
; Publication No. US20060160091A9
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jeimberg, Anna C.
; APPLICANT: Adams, Robyn L.
```


APPLICANT: Whitmore, Theodore E.
APPLICANT: Fairah, Theresa M.
TITLE OF INVENTION: CYTOKINE RECEPTOR
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: ZymoGenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/636,716
FILING DATE: 07-AUG-2003
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/943,087
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/803,305
FILING DATE: 20-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Lunn, Paul G
REGISTRATION NUMBER: 32,743
REFERENCE/DOCKET NUMBER: 96-24CI
TELEPHONE: 206-442-6627
TELEFAX: 206-442-6678
TELEX:
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 221 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-10-636-716-50

Query Match 21.6%; Score 310; DB 6; Length 221;
Best Local Similarity 32.0%; Pred. No. 1.1e-22;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;
QY 30 KQPVQFOSRNFHILQWPGRLTGNSSVYFVQYKIMFSCSMKSHQKPSGCWQHISCN 89
DB 10 KPANITFLSINMKNVLTWTPPEGLQGVKVTYTVQYFI----- 46
QY 90 PFGCRTLAKYQORQWKNKEDCWGTQELSCDLTSETSDIQEPIYGRVRAASAGSYSEWSMT 149
DB 47 -----YQCKWLKSECRNIRTYCDLSAETSDYEHQYAKVKAIGTKCKSKWAE 97
QY 150 PRFTPMWETKIDPPVMNITQVNGSLVILHAPNLRYQKEKNVSIEDYY-ELLRYVFII 208
DB 98 GRFPFLSTQGPPEVALTTDEKSIIVLTAFKWKRPEDLPVSMQOIYSLNKNVSVL 157
QY 209 NNSLEKQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSEERC 259
DB 158 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVFGPPRPAQPSKQC 207

RESULT 5
US-10-636-716-56
Sequence 56, Application US/10636716
Publication No. US20060160091A9
GENERAL INFORMATION:
APPLICANT: Lok, Si
APPLICANT: Kho, Choon J.

APPLICANT: Jelmsberg, Anna C.
APPLICANT: Adams, Robyn L.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Fairah, Theresa M.
TITLE OF INVENTION: CYTOKINE RECEPTOR
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: ZymoGenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/636,716
FILING DATE: 07-AUG-2003
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/943,087
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/803,305
FILING DATE: 20-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Lunn, Paul G
REGISTRATION NUMBER: 32,743
REFERENCE/DOCKET NUMBER: 96-24CI
TELEPHONE: 206-442-6627
TELEFAX: 206-442-6678
TELEX:
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 221 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-10-636-716-56

Query Match 21.6%; Score 310; DB 6; Length 221;
Best Local Similarity 31.6%; Pred. No. 1.1e-22;
Matches 73; Conservative 34; Mismatches 90; Indels 34; Gaps 3;
QY 30 KQPVQFOSRNFHILQWPGRLTGNSSVYFVQYKIMFSCSMKSHQKPSGCWQHISCN 89
DB 10 KPANITFLSINMKNVLTWTPPEGLQGVKVTYTVQYFI----- 46
QY 90 PFGCRTLAKYQORQWKNKEDCWGTQELSCDLTSETSDIQEPIYGRVRAASAGSYSEWSMT 149
DB 47 -----YQCKWLKSECRNIRTYCDLSAETSDYEHQYAKVKAIGTKCKSKWAE 97
QY 150 PRFTPMWETKIDPPVMNITQVNGSLVILHAPNLRYQKEKNVSIEDYY-ELLRYVFII 208
DB 98 GRFPFLSTQGPPEVALTTDEKSIIVLTAFKWKRPEDLPVSMQOIYSLNKNVSVL 157
QY 209 NNSLEKQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSEERC 259
DB 158 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVFGPPRPAQPSKQC 207

RESULT 6
US-10-196-749-398
Sequence 398, Application US/10196749
Publication No. US20060094864A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P34301C340
CURRENT APPLICATION NUMBER: US/10/196,749
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: 10/052586
PRIOR FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/063540
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063541
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063544
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 398
LENGTH: 542
TYPE: PRT
ORGANISM: Homo Sapien
US-11-196-749-398

Query Match 21.6%; Score 310; DB 6; Length 542;
Best Local Similarity 32.0%; Pred. No. 3.6e-22;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;
QY 30 KQORVQFSRNFHILQWQGRALTGNSVYFYQYKIMFSCMSKSHQKPSGCGWHISCN 89
DB 28 KPNITFLSINMKVLTWTPPEGLQGVKVTYTVQYFI-----64
QY 90 PFGCRTLAKYQGRQWKEDCWGTQELSCDLTSETSDIOEPYGYGRVRAASAGSYSEWSMT 149
DB 65 -----YGOKKWLKSECRNINRTYCDLSAETSDEHYQYAKVKAIWGTCKSKWAS 115
QY 150 PRFTPWETKIDPPVMNITQVNGSLVILHAPNLPYRYQKEKNVSTEDYY-ELLYRVFTI 208
DB 116 GRFYPLETQIGPPEVALTDEKSIISVLTAPKKNRPEDLPVSMQQIYNSLKNVSVL 175
QY 209 NNSLEKEQKVEGAHRAVEIEALTPHSSYCVVAEYIQPMLDRRSQRSEERC 259
DB 176 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 225

RESULT 7
US-11-226-554-84
Sequence 84, Application US/11226554
Publication No. US20060147373A1
GENERAL INFORMATION:
APPLICANT: Cairns, Belinda
APPLICANT: Chen, Ruihuan
APPLICANT: Frantz, Gretchen

APPLICANT: Hillan, Kenneth J.
APPLICANT: Koeppe, Hartmut
APPLICANT: Phillips, Heidi S.
APPLICANT: Polakis, Paul
APPLICANT: Spencer, Susan D.
APPLICANT: Smith, Victoria
APPLICANT: Williams, P. Mickey
APPLICANT: Wu, Thomas D.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
TITLE OF INVENTION: Treatment of Tumor
FILE REFERENCE: P5001R1C1
CURRENT APPLICATION NUMBER: US/11/226,554
CURRENT FILING DATE: 2005-09-13
PRIOR APPLICATION NUMBER: US 10/177,488
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US 60/366,869
PRIOR FILING DATE: 2002-03-20
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 84
LENGTH: 542
TYPE: PRT
ORGANISM: Homo sapiens
US-11-226-554-84
Query Match 21.6%; Score 310; DB 7; Length 542;
Best Local Similarity 32.0%; Pred. No. 3.6e-22;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;
QY 30 KQORVQFSRNFHILQWQGRALTGNSVYFYQYKIMFSCMSKSHQKPSGCGWHISCN 89
DB 28 KPNITFLSINMKVLTWTPPEGLQGVKVTYTVQYFI-----64
QY 90 PFGCRTLAKYQGRQWKEDCWGTQELSCDLTSETSDIOEPYGYGRVRAASAGSYSEWSMT 149
DB 65 -----YGOKKWLKSECRNINRTYCDLSAETSDEHYQYAKVKAIWGTCKSKWAS 115
QY 150 PRFTPWETKIDPPVMNITQVNGSLVILHAPNLPYRYQKEKNVSTEDYY-ELLYRVFTI 208
DB 116 GRFYPLETQIGPPEVALTDEKSIISVLTAPKKNRPEDLPVSMQQIYNSLKNVSVL 175
QY 209 NNSLEKEQKVEGAHRAVEIEALTPHSSYCVVAEYIQPMLDRRSQRSEERC 259
DB 176 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 225

RESULT 8
US-11-248-718-84
Sequence 84, Application US/11248718
Publication No. US20060160997A1
GENERAL INFORMATION:
APPLICANT: Cairns, Belinda
APPLICANT: Chen, Ruihuan
APPLICANT: Frantz, Gretchen
APPLICANT: Hillan, Kenneth J.
APPLICANT: Koeppe, Hartmut
APPLICANT: Phillips, Heidi S.
APPLICANT: Polakis, Paul
APPLICANT: Spencer, Susan D.
APPLICANT: Smith, Victoria
APPLICANT: Williams, P. Mickey
APPLICANT: Wu, Thomas D.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
TITLE OF INVENTION: Treatment of Tumor
FILE REFERENCE: P5001R1 US
CURRENT APPLICATION NUMBER: US/11/248,718
CURRENT FILING DATE: 2005-10-11
PRIOR APPLICATION NUMBER: US/10/177,488
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US 60/299,500
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: US 60/300,880

;; FILING DATE: 07-AUG-2003
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/943,087
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/803,305
;; FILING DATE: 20-FEB-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Lunn, Paul G
;; REGISTRATION NUMBER: 32,743
;; REFERENCE/DOCKET NUMBER: 96-24C1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 206-442-6627
;; TELEFAX: 206-442-6678
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 14:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 553 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; FRAGMENT TYPE: internal
US-10-636-716-14

Query Match 21.6%; Score 310; DB 6; Length 553;
Best Local Similarity 32.0%; Pred. No. 3.7e-22;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;
QY 30 KPORVQFSRNFHNIQWOPGRALTGNSSVFYQYKIMFSCMKSHQKPSGCWQHISCN 89
DB 39 KPNITFLSNKMKVLTWTPPEGLQGVKVTYVQYFI-----75
QY 90 FPGCRTLAKYGRQWKNKDCWGTQELSCDLTSETSDIQEPYVGRVRAASAGSYSEWSMT 149
DB 76 -----YGKKWLKSECRNINRTYCDLSAETSDYEHQYKAKVKAIGWTKCKSWAES 126
QY 150 PRPTPMWTKIDPPVNNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYY-ELLRYVFII 208
DB 127 GRPYPLETQIGPPEVALTTDEKSIISVLTAPKWKRNPEDLPSVMQOIYSLNLYNSVL 186
QY 209 NNSLEKEQKVEGAHRAVEIALTPHSSYCVVAEIQPMLDRRSQSEERC 259
DB 187 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 236

RESULT 11
US-10-636-716-16
; Sequence 16, Application US/10636716
; Publication No. US20060160091A9
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmsberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/636,716
;; FILING DATE: 07-AUG-2003
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/943,087
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/803,305
;; FILING DATE: 20-FEB-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Lunn, Paul G
;; REGISTRATION NUMBER: 32,743
;; REFERENCE/DOCKET NUMBER: 96-24C1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 206-442-6627
;; TELEFAX: 206-442-6678
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 16:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 553 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; FRAGMENT TYPE: internal
US-10-636-716-16
Query Match 21.6%; Score 310; DB 6; Length 553;
Best Local Similarity 32.0%; Pred. No. 3.7e-22;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;
QY 30 KPORVQFSRNFHNIQWOPGRALTGNSSVFYQYKIMFSCMKSHQKPSGCWQHISCN 89
DB 39 KPNITFLSNKMKVLTWTPPEGLQGVKVTYVQYFI-----75
QY 90 FPGCRTLAKYGRQWKNKDCWGTQELSCDLTSETSDIQEPYVGRVRAASAGSYSEWSMT 149
DB 76 -----YGKKWLKSECRNINRTYCDLSAETSDYEHQYKAKVKAIGWTKCKSWAES 126
QY 150 PRPTPMWTKIDPPVNNITQVNGSLLVILHAPNLPYRYQKEKNVSIEDYY-ELLRYVFII 208
DB 127 GRPYPLETQIGPPEVALTTDEKSIISVLTAPKWKRNPEDLPSVMQOIYSLNLYNSVL 186
QY 209 NNSLEKEQKVEGAHRAVEIALTPHSSYCVVAEIQPMLDRRSQSEERC 259
DB 187 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 236

RESULT 12
US-10-636-716-18
; Sequence 18, Application US/10636716
; Publication No. US20060160091A9
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmsberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible

```

; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/636,716
; FILING DATE: 07-AUG-2003
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,087
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803,305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lunn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 553 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; US-10-636-716-18

Query Match      21.6%; Score 310; DB 6; Length 553;
Best Local Similarity 32.0%; Pred. No. 3.7e-22;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

QY 30 KQRFVQFQRNFHNILOQPGKALTCNSSVYFVQYKIMFSCSKSHQKPSGCWHISCN 89
Db 39 KPAITFSLINKNVQLQWTPPEGQGVKVTYVQYFI ----- 75
QY 90 PFGCRTLAKYQORQWKNKDCWGTLSDLTSETSDIQEPIYGRVRAASAGSYSEWSMT 149
Db 76 -----YQKQKWLKSECRNIRTYCDLSAETSDYEHQYAKVAIWGKCSKWAES 126
QY 150 PRFTPMWETKIDPPVMAITQVNGSLVLHAPNLPYQYKQKNVSIEDYY-ELLRYVFII 208
Db 127 GRFYFPLETQIGPPEVALTTDEKISVVLTAPEKWKRNPELIPVSMQOIYSLNLYNSVL 186
QY 209 NNSLEKEQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSERC 259
Db 187 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 236

RESULT 13
US-10-636-716-20
; Sequence 20, Application US/10636716
; Publication No. US20060160091A9
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmsberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/636,716
; FILING DATE: 07-AUG-2003
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,087
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803,305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lunn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 553 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; US-10-636-716-20

Query Match      21.6%; Score 310; DB 6; Length 553;
Best Local Similarity 32.0%; Pred. No. 3.7e-22;
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

QY 30 KQRFVQFQRNFHNILOQPGKALTCNSSVYFVQYKIMFSCSKSHQKPSGCWHISCN 89
Db 39 KPAITFSLINKNVQLQWTPPEGQGVKVTYVQYFI ----- 75
QY 90 PFGCRTLAKYQORQWKNKDCWGTLSDLTSETSDIQEPIYGRVRAASAGSYSEWSMT 149
Db 76 -----YQKQKWLKSECRNIRTYCDLSAETSDYEHQYAKVAIWGKCSKWAES 126
QY 150 PRFTPMWETKIDPPVMAITQVNGSLVLHAPNLPYQYKQKNVSIEDYY-ELLRYVFII 208
Db 127 GRFYFPLETQIGPPEVALTTDEKISVVLTAPEKWKRNPELIPVSMQOIYSLNLYNSVL 186
QY 209 NNSLEKEQKVEGAHRAVEIEALTPHSSYCVVAEIQPMLDRRSORSERC 259
Db 187 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 236

RESULT 14
US-10-636-716-22
; Sequence 22, Application US/10636716
; Publication No. US20060160091A9
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmsberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA

```

STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/636,716
FILING DATE: 07-AUG-2003
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/943,087
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/803,305
FILING DATE: 20-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Lunn, Paul G
REGISTRATION NUMBER: 32,743
REFERENCE/DOCKET NUMBER: 96-24C1
TELEPHONE: 206-442-6627
TELEFAX: 206-442-6678
TELEX:
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 553 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-10-636-716-22

Query Match 21.6%; Score 310; DB 6; Length 553;

Best Local Similarity 32.0%; Pred. No. 3.7e-22;

Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

QY 30 KPVQVQSRNFHNILOQPGRALTGNSVYFVQYKIMFSCMSKSHQKPSGCGWHISCN 89
DB 39 KPNATITFLSINKNVLTQWTPPEGLQGVKVTYVQYFI ----- 75
QY 90 PFGCRTLAKYQORQWKNKEDCWGTQELSCDLTSETSDIQEPYGVRAASAGSYSEWSMT 149
DB 76 -----YGQKWLKSECRNINRTYCDLSAETSDYEHQYAKVKAINGTKCSKWAES 126
QY 150 PRFTPWETKIDPPVMNITQVNGSLVILHAPNLPRYQKEKNVSIEDYY-ELLRYRVFI 208
DB 127 GRFYFPLETQIGPPEVALTTDEKISVVLTAPEKWKRNPEDLFVSMQOIYSLNLYNSVL 186
QY 209 NNSLEKEQKVEGAHRAVEIEALTPHSSVCVVAEIQPMLDRRSORSERC 259
DB 187 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 236

RESULT 15

US-10-636-716-24

Sequence 24, Application US/10636716

Publication No. US20060160091A9

GENERAL INFORMATION:

APPLICANT: Lok, Si

APPLICANT: Kho, Choon J.

APPLICANT: Jelmsberg, Anna C.

APPLICANT: Adams, Robyn L.

APPLICANT: Whitmore, Theodore E.

APPLICANT: Farrah, Theresa M.

TITLE OF INVENTION: CYTOKINE RECEPTOR

NUMBER OF SEQUENCES: 60

CORRESPONDENCE ADDRESS:

ADDRESSEE: ZymoGenetics, Inc.

STREET: 1201 Eastlake Avenue East

CITY: Seattle

STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/636,716
FILING DATE: 07-AUG-2003
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/943,087
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/803,305
FILING DATE: 20-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Lunn, Paul G
REGISTRATION NUMBER: 32,743
REFERENCE/DOCKET NUMBER: 96-24C1
TELEPHONE: 206-442-6627
TELEFAX: 206-442-6678
TELEX:
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 553 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-10-636-716-24

Query Match 21.6%; Score 310; DB 6; Length 553;

Best Local Similarity 32.0%; Pred. No. 3.7e-22;

Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

QY 30 KPVQVQSRNFHNILOQPGRALTGNSVYFVQYKIMFSCMSKSHQKPSGCGWHISCN 89
DB 39 KPNATITFLSINKNVLTQWTPPEGLQGVKVTYVQYFI ----- 75
QY 90 PFGCRTLAKYQORQWKNKEDCWGTQELSCDLTSETSDIQEPYGVRAASAGSYSEWSMT 149
DB 76 -----YGQKWLKSECRNINRTYCDLSAETSDYEHQYAKVKAINGTKCSKWAES 126
QY 150 PRFTPWETKIDPPVMNITQVNGSLVILHAPNLPRYQKEKNVSIEDYY-ELLRYRVFI 208
DB 127 GRFYFPLETQIGPPEVALTTDEKISVVLTAPEKWKRNPEDLFVSMQOIYSLNLYNSVL 186
QY 209 NNSLEKEQKVEGAHRAVEIEALTPHSSVCVVAEIQPMLDRRSORSERC 259
DB 187 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 236

Search completed: July 31, 2006, 19:02:37

Job time : 33 secs